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Number of pages including this sheet: 7Deliver to: Exmr. Peng Ke - UNITED STATES PATENT & TRADEMARK OFFICEFax No.: 571-273-8300From: Kevin G. Shao, Reg. No. 45,095Date: April 5, 2007Operator: David CastroApplication No.: 09/532,412Art Group: 2174Filing Date: 03/22/2000Conf. No: 8317Inventor: Jonathan J. HullEntitled: MELDED USER INTERFACESAttorney Docket No.: 74451P115

Enclosed are the following documents:

<input checked="" type="checkbox"/> Rsp2NotNonCmplApplBrf (6 pgs)	<input type="checkbox"/> Declaration & P of A (_ pgs)	<input type="checkbox"/> Reply Brief (_ pgs)
<input type="checkbox"/> Appeal Brief (_ pgs) (in triplicate)	<input type="checkbox"/> Drawings: # of sheets w/ _ figs.	<input type="checkbox"/> Small Entity Statement
<input type="checkbox"/> Utility Application (_ pgs)	<input type="checkbox"/> Month Petition re Ext. of Time	<input type="checkbox"/> Rsp. to Notice of Missing Parts (_ pgs)
<input type="checkbox"/> 1.53(b) Cont. Application (_ pgs)	<input type="checkbox"/> IDS & PTO 1449 (_ pgs)	<input type="checkbox"/> Transmittal Letter (_ pgs) (in duplicate)
<input type="checkbox"/> 1.53(b) Divisional Application (_ pgs)	<input type="checkbox"/> Issue Fee Transmittal (_ pgs)	<input type="checkbox"/> Fee Transmittal (_ pgs) (in duplicate)
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<input type="checkbox"/> Provisional Application (_ pgs)	<input type="checkbox"/> Declaration by Inventor(s) (_ pgs)	<input type="checkbox"/> Other:
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Atty. Docket No. 74451.P115

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE BOARD OF PATENT APPEALS AND INTERFERENCES

In re Application of:

Jonathan J. Hull, et al.

Application No.: 09/532,412

Filed: March 22, 2000

For: MELDED USER INTERFACES

Examiner: Ke, Peng

Art Unit: 2174

Confirmation No.: 8317

Mail Stop Appeal Brief- Patents
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF
NON-COMPLIANT APPEAL BRIEF (37 CFR 41.37)

Pursuant to 37 C.F.R. § 41.41, Appellant is filing this relative portion of a reply brief which addresses certain of the Examiner's points of arguments which were raised in the Supplemental Examiner's Answer dated January 16, 2007.

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REMARKS

In the notice of non-compliant, the summary of subject matter was objected. Evidence and related proceedings appendixes were objected. In this response, a revised summary section has been submitted herein. The evidence and related proceeding appendixes have been previously submitted and Applicant does not believe there is a need to resubmit herein.

Applicant does not believe there is a fee for this transaction but the Examiner is hereby authorized to credit or charge any overpayment or shortage to our Deposit Account No. 02-2666 for any charges that may be due. Furthermore, if an extension is required, then Appellant hereby requests such extension.

Respectfully submitted,
BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP

Dated: April 5, 2007


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V. SUMMARY OF CLAIMED SUBJECT MATTER

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Appellant's invention as claimed in claims 1-40 is directed to a method and apparatus for melding user interfaces. Melded user interfaces combines the user interfaces of two or more applications and does not require the cooperation or acquiescence from the applications. Using melded user interfaces, the screen layout (e.g., base layout) corresponding to the user interface of one application may be used by one or more other applications to display data associated with that application.

Independent claim 1 claims a method including: extracting a first data from a display buffer, the first data being generated by a first application and being associated with a user interface from the first application (Specification, pp. 11-13; Fig. 1B); recognizing a layout from the first data (Specification, pp. 11-13 and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B); and using the layout to create an overlay to display a second data generated by a second application (Specification, pp. 11-13 and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B), where there is no direct link between the first application and the second application and the first data is extracted from the display buffer without cooperation of the first application at runtime (Specification, pp. 9-10).

Independent claim 9 claims a machine-readable medium including: extracting a first data from a display buffer, the first data being generated by a first application and being associated with a user interface from the first application (Specification, pp. 11-13; Fig. 1B); recognizing a layout from the first data (Specification, pp. 11-13 and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B); and using the layout to create an overlay to display a second data generated by a second application (Specification, pp. 11-13 and 14-15; Figs. 1B, 3A-3B, 4A-

4C, and 5A-5B), where there is no direct link between the first application and the second application and the first data is extracted from the display buffer without cooperation of the first application at runtime (Specification, pp. 9-10).

Independent claim 17 claims a system including: extracting a first data from a display buffer, the first data being generated by a first application and being associated with a user interface from the first application (Specification, pp. 11-13; Fig. 1B); recognizing a layout from the first data (Specification, pp. 11-13 and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B); and using the layout to create an overlay to display a second data generated by a second application (Specification, pp. 11-13 and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B), where there is no direct link between the first application and the second application and the first data is extracted from the display buffer without cooperation of the first application at runtime (Specification, pp. 9-10).

Independent claim 25 claims a method including: modifying data in a display buffer that is generated by a first application with data generated by a second application without cooperation of the first application at runtime, the first application running independently from the second application; and receiving input in response to user interactions with the second application through a user interface associated with the data generated by the first application, where the data generated by the second application is placed in a location in the user interface and the location is contextually consistent with the data generated by the second application (Specification, pp. 9-10, 11-13, and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B).

Independent claim 29 claims a machine-readable medium including: modifying data in a display buffer that is generated by a first application with data generated by a second

application without cooperation of the first application at runtime, the first application running independently from the second application; and receiving input in response to user interactions with the second application through a user interface associated with the data generated by the first application, where the data generated by the second application is placed in a location in the user interface and the location is contextually consistent with the data generated by the second application (Specification, pp. 9-10, 11-13, and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B). Independent claims 29 and 33 claim the invention as a computer readable medium and a system respectively.

Independent claim 33 claims a system including: modifying data in a display buffer that is generated by a first application with data generated by a second application without cooperation of the first application at runtime, the first application running independently from the second application; and receiving input in response to user interactions with the second application through a user interface associated with the data generated by the first application, where the data generated by the second application is placed in a location in the user interface and the location is contextually consistent with the data generated by the second application (Specification, pp. 9-10, 11-13, and 14-15; Figs. 1B, 3A-3B, 4A-4C, and 5A-5B).

Independent claim 37 claims a method including: reading raster data from a raster display buffer containing an image generated by a first application without cooperation of the first application at runtime; performing a pattern recognition on the image to generate a pattern; applying predetermined information about the image with the pattern to determine a layout of the image; generating an overlay using the layout of the image; and placing data

generated by a second application on the overlay (Specification, pp. 9-10, 11-13, and 14-15;
Figs. 1B, 3A-3B, 4A-4C, and 5A-5B).